

Serial No. 09/911,591
Page 3 of 9

IN THE CLAIMS

Please consider the claims as follows:

2. (Previously presented) A scalable server, comprising:
 - a plurality of server modules, each of said server modules comprising at least one plurality of storage devices respectively coupled to at least one bi-directional loop, and a processor and a buffer adapted for controlling said at least one plurality of storage devices;
 - a cross bar switch coupled to said plurality of server modules, said server modules accepting data requests from a plurality of clients;
 - at least one server controller coupled to said processors of said plurality of server modules, said at least one server controller for routing control instructions from a head-end to a particular server module;
 - each of said server modules issuing data retrieval commands only to its associated plurality of storage devices; and
 - at least one data communications path coupled between the respective cross bar switches of each storage server, where any of said cross bar switches is capable of routing data from any one of said server modules to said clients requesting said data.
3. (Previously Presented) The scalable server of claim 2, where each storage server cross bar switch also receives data from a remote source and routes said data to a client requesting said data.
4. (Previously Presented) The scalable server of claim 2, further comprising at least one switch coupled between said at least one server controller and said plurality of server modules.
5. (Previously Presented) The scalable server of claim 4, where each of said plurality of storage devices comprise a plurality of fiber channel storage devices formed in a fiber channel arbitrated loop.

284970-1

Serial No. 09/911,591
Page 4 of 9

6. (Previously Presented) The scalable server of claim 4, wherein data is striped across the storage devices of each of said at least one server module.
7. (Previously Presented) The scalable server of claim 2, wherein data stored in said server modules comprises video data.
8. (Previously Presented) The scalable server of claim 2, wherein each of said server modules comprises a Compact CPI backplane.
9. (Previously Presented) The scalable server of claim 2, further comprising a respective input/out circuit coupled to each port of each cross bar switch.
10. (Previously Presented) The scalable server of claim 2, wherein said data requests are routed through a cross bar switch corresponding to a client requesting data, and to a server module.
11. (Previously Presented) The scalable server of claim 2, wherein said data requests are routed through a communications network to a server module of any one of the storage servers.
12. (Previously Presented) The scalable server of claim 2, wherein each of a plurality of client data requests are simultaneously processed by each respective server module.
13. (Previously Presented) The scalable server of claim 12, wherein each of said plurality of client data requests is routed to a respective server module by a communications network.
14. (Currently Amended) A method for providing data to a plurality of clients, comprising:
routing each of a plurality of client data requests to any of a plurality of server modules, each of said server modules having associated with it at least one plurality of

284970-1

Serial No. 09/911,591
Page 5 of 9

storage devices respectively coupled to at least one bi-directional loop, and a processor and a buffer adapted for controlling said at least one plurality of storage devices, each plurality of storage devices providing data to clients via a crossbar switch, each crossbar switch serving each of the server modules within a storage server;

determining, which particular server module has associated with it a plurality of storage devices including requested data;

routing, via at least one server controller associated with said particular server module, control instructions from a head-end to said particular server module; and

routing to each of said clients, respective requested data via said crossbar switch.

15. (Previously Presented) The method of claim 14, wherein said routing to each of said clients step further comprises, routing data striped across each respective plurality of storage devices of each server module.

16. (Previously Presented) The method of claim 14, wherein said routing to each of said clients step further comprises routing video data to clients requesting said data.

17. (Previously Presented) The method of claim 14, wherein said routing to each of said clients step further comprises routing simultaneously, said requested data to respective clients initiating said client data requests.

18. (Previously Presented) The method of claim 14, wherein said routing each of the plurality of client data requests step further comprises simultaneously processing each of the plurality of client data requests by each respective server module.

284970-1